

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 265 - L2 Version 5
Chandra X-Ray Center

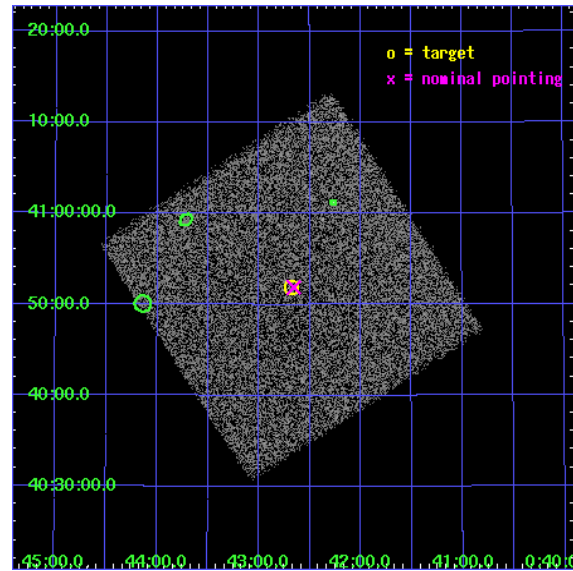
L2 Processing Date : Nov 20 2007

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1 Front

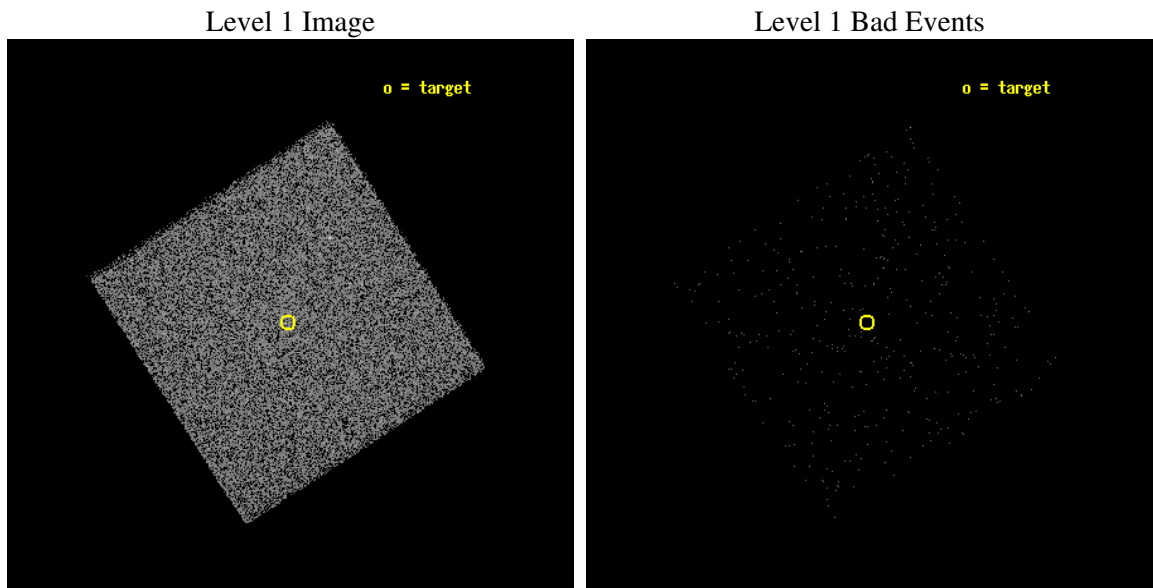
seq_num	600025
obs_id	265
title	MONITORING M31
observer	Dr. Stephen Murray
object	M31 - South 1
ra_targ	10.67
dec_targ	40.865
ra_nom	10.664017893771
dec_nom	40.864969129995
roll_nom	192.27817333742
revision	5
ontime	1196.4312951714
livetime	1189.5140956781
l2events	41728



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-21T01:48:17
revision	4

sched_exp_time	1000.000000
ontime	1196.4312951714
l1events	77516

2.1.3 Events

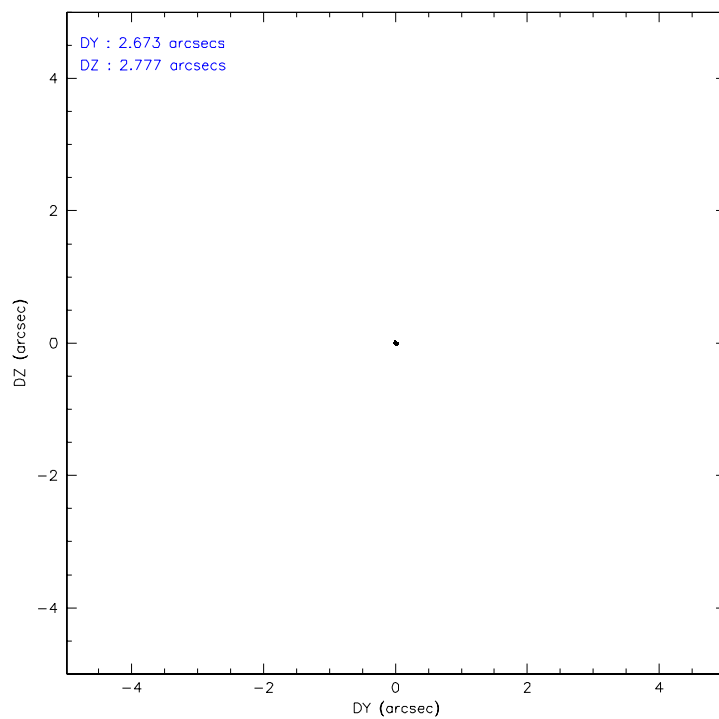
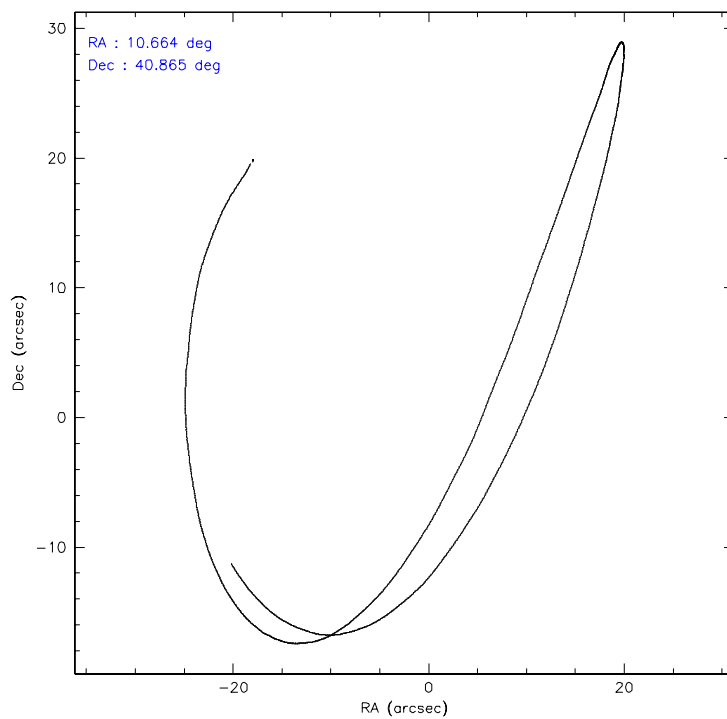
Level 1 Events

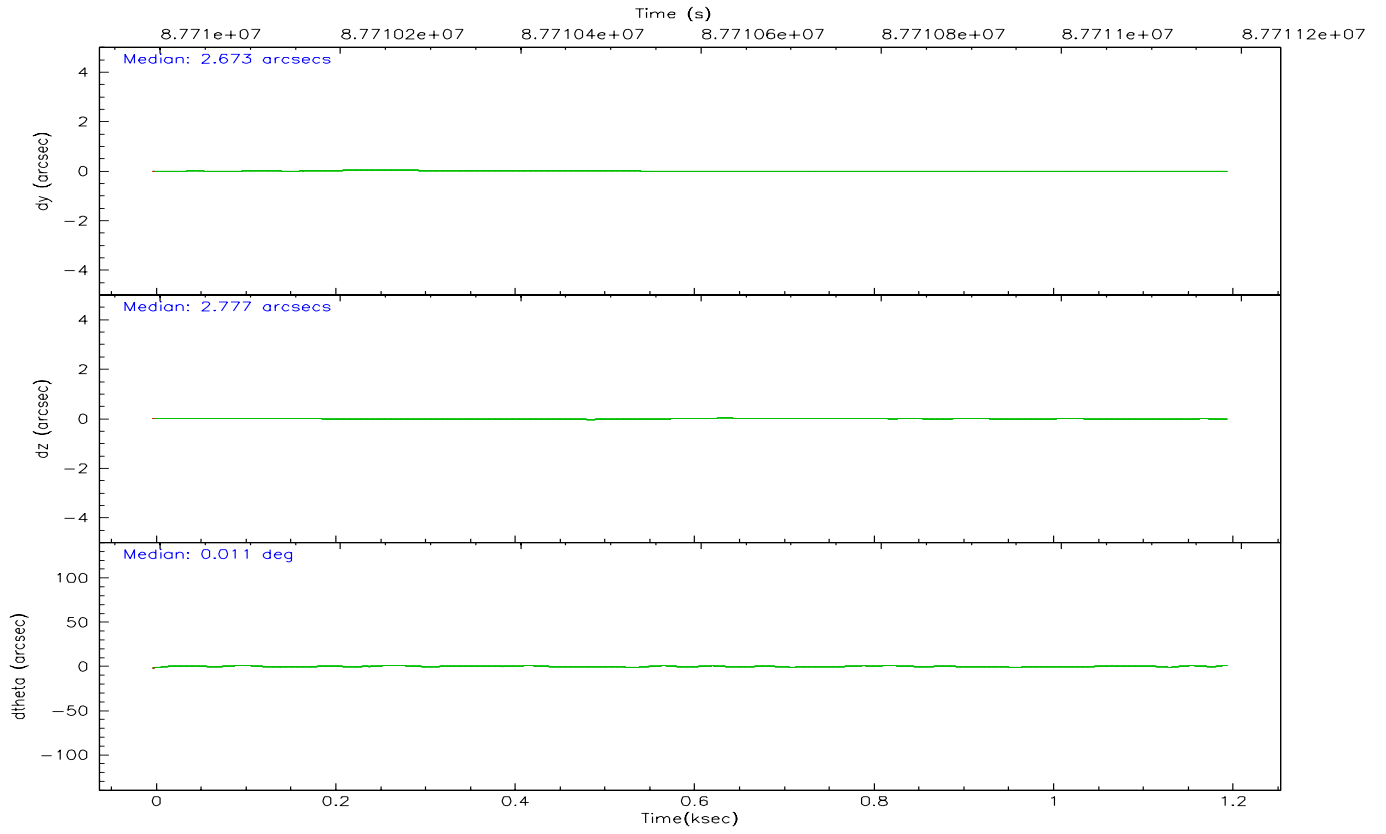
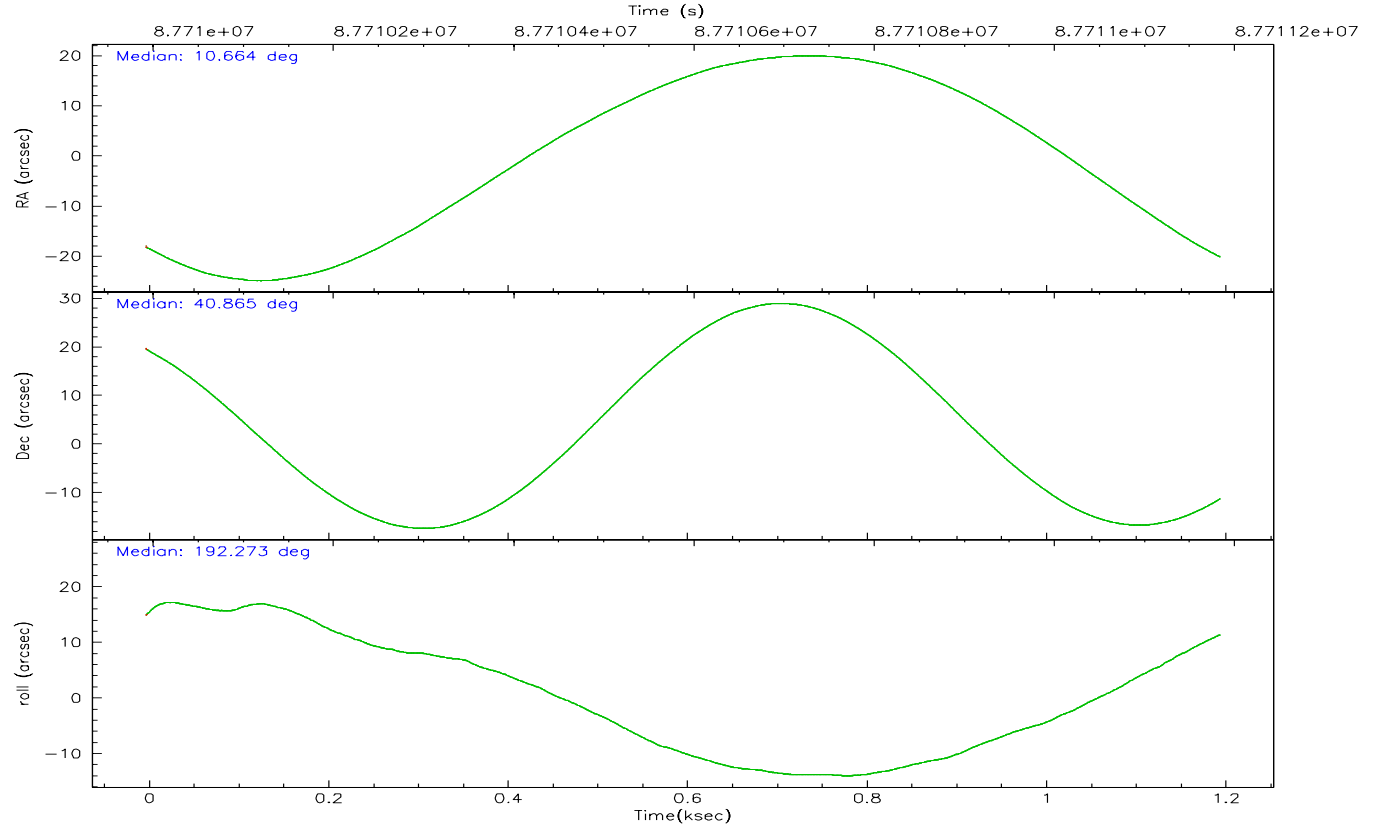
	segment 0
level 1 events	77516
rejected events	16577
rejected %	21%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	10.690542	10.66401789377053			
Pointing Dec	40.884449	40.86496912999472			
Pointing Roll	192.356262	192.2781733374166			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	87710186.184000	87709809.58546799			
Observation start date	2000-10-12T03:55:22	2000-10-12T03:50:09			
Observation end time	87711186.184000	87711319.41052499			
Observation end date	2000-10-12T04:12:02	2000-10-12T04:15:19			

2.3 Aspect



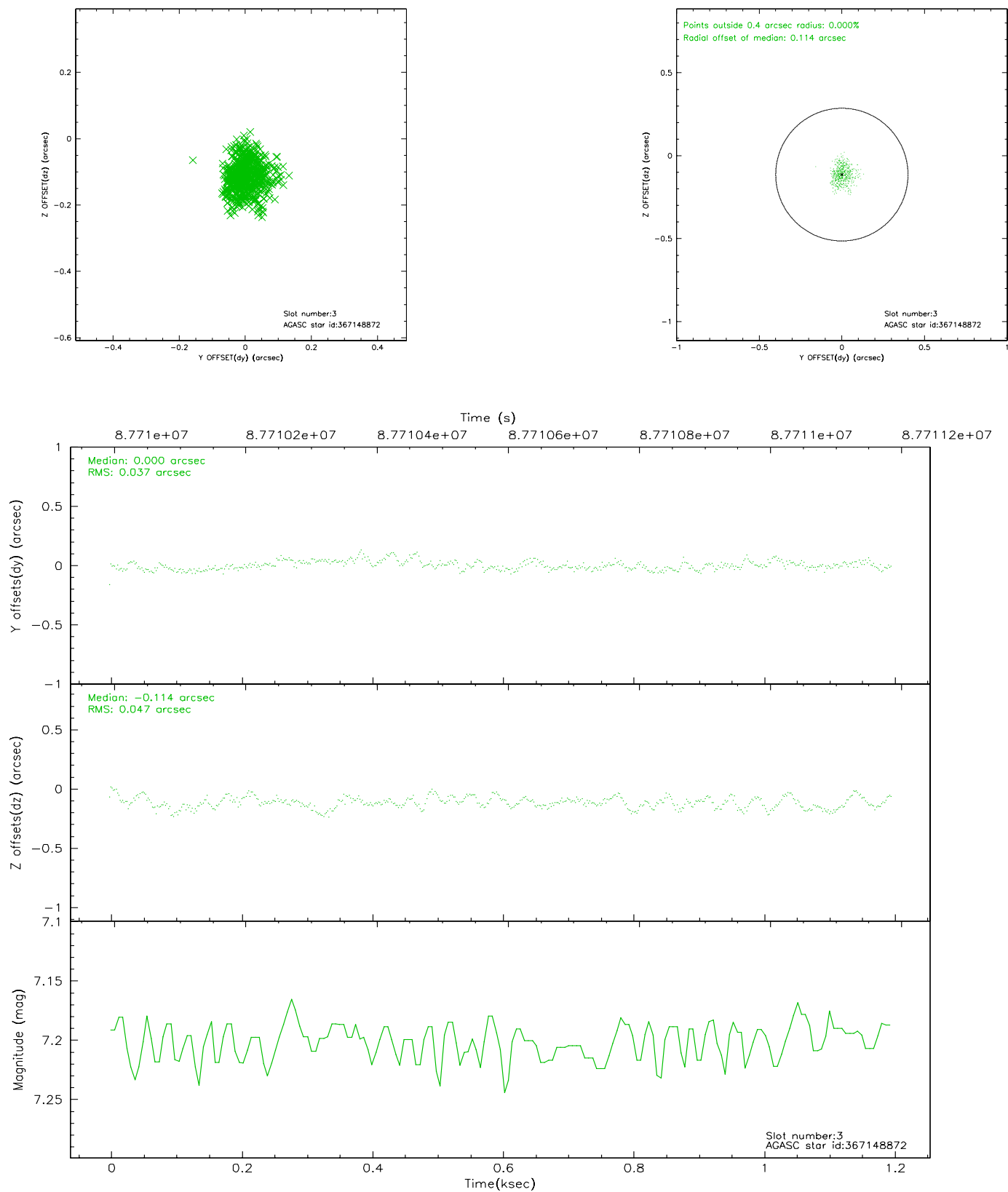


Slot Statistics

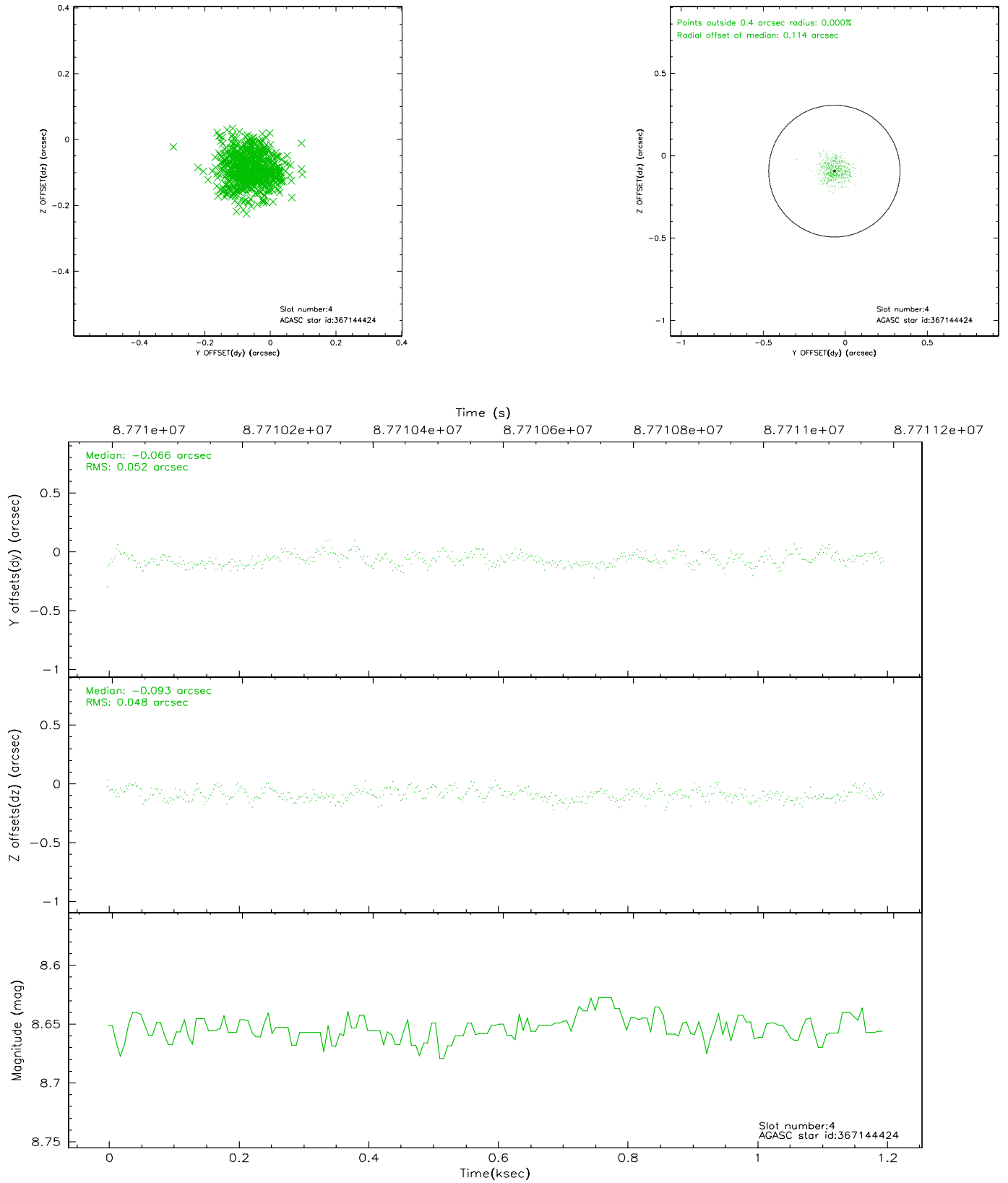
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	293	0.070	-0.002	0.006	0.010	0.000000	0.000000	-758.12	-1290.48
1	FID	HRC-I-3	7.07	293	-0.002	-0.022	0.007	0.011	0.000000	0.000000	-1189.19	1009.68
2	FID	HRC-I-4	7.01	293	0.046	-0.065	0.005	0.010	0.000000	0.000000	1280.67	1015.00
3	GUIDE	367148872	7.20	585	0.000	-0.114	0.065	0.102	10.505940	40.688258	641.12	579.78
4	GUIDE	367144424	8.66	585	-0.066	-0.093	0.077	0.116	10.464515	40.309136	1047.93	1888.81
5	GUIDE	367674552	8.85	585	0.026	0.134	0.092	0.149	11.016238	41.570845	-1386.19	-2226.25
6	GUIDE	367657896	9.02	585	0.090	0.028	0.067	0.108	11.197765	41.313576	-1675.51	-1225.21
7	GUIDE	367145856	9.29	580	-0.055	0.039	0.118	0.207	10.744946	40.402085	220.71	1724.38

2.4 Star Slots

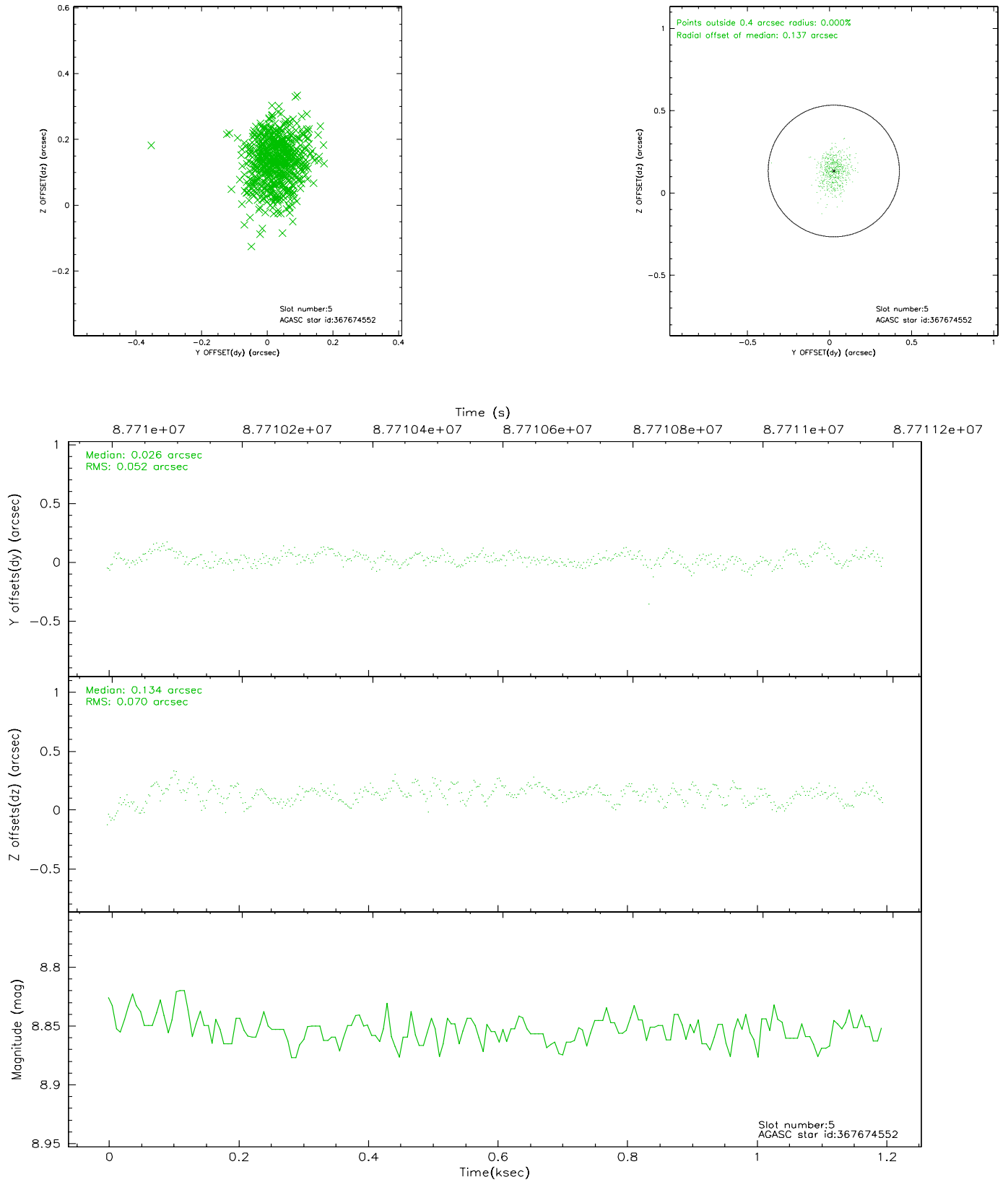
2.4.1 Slot 3



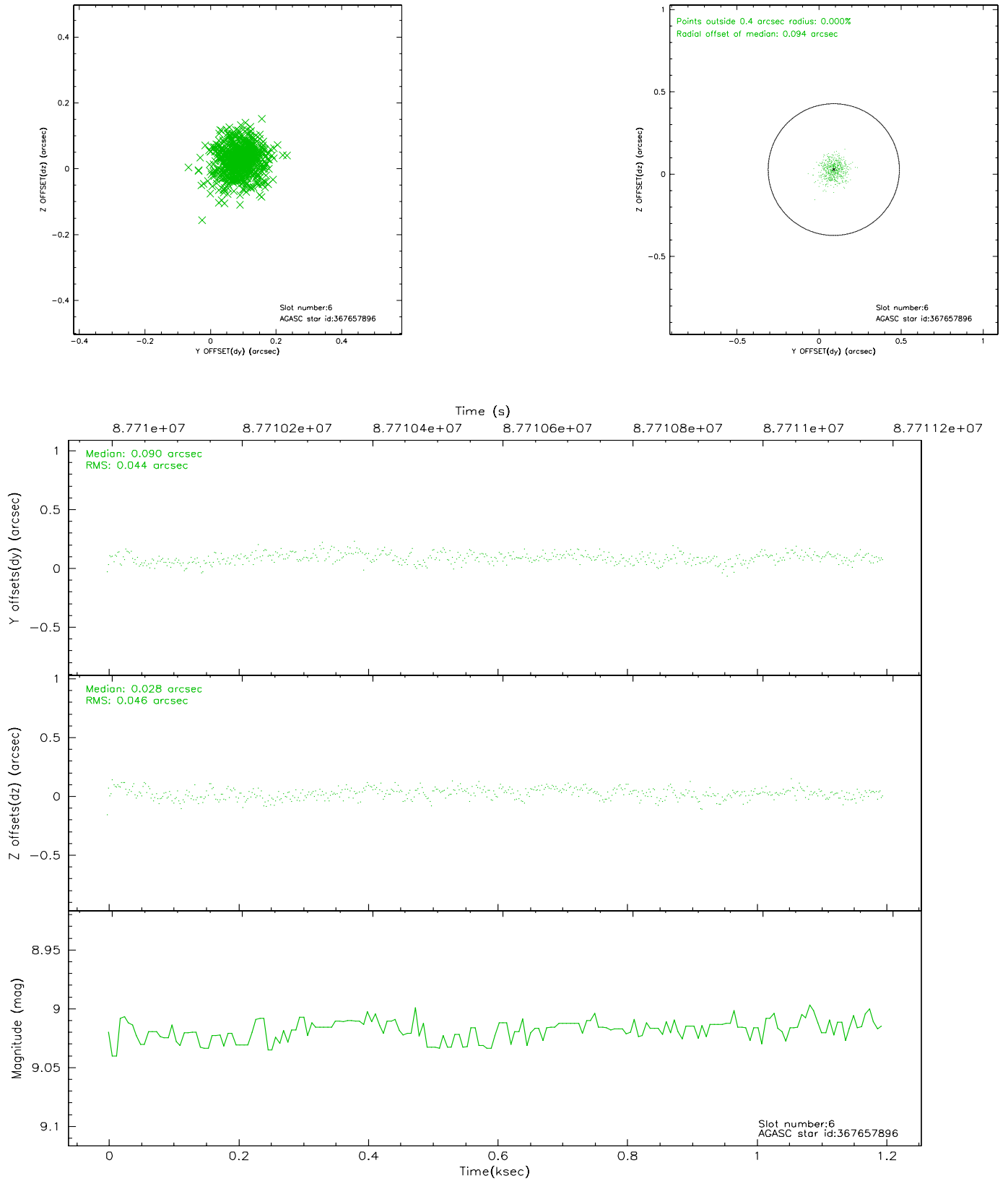
2.4.2 Slot 4



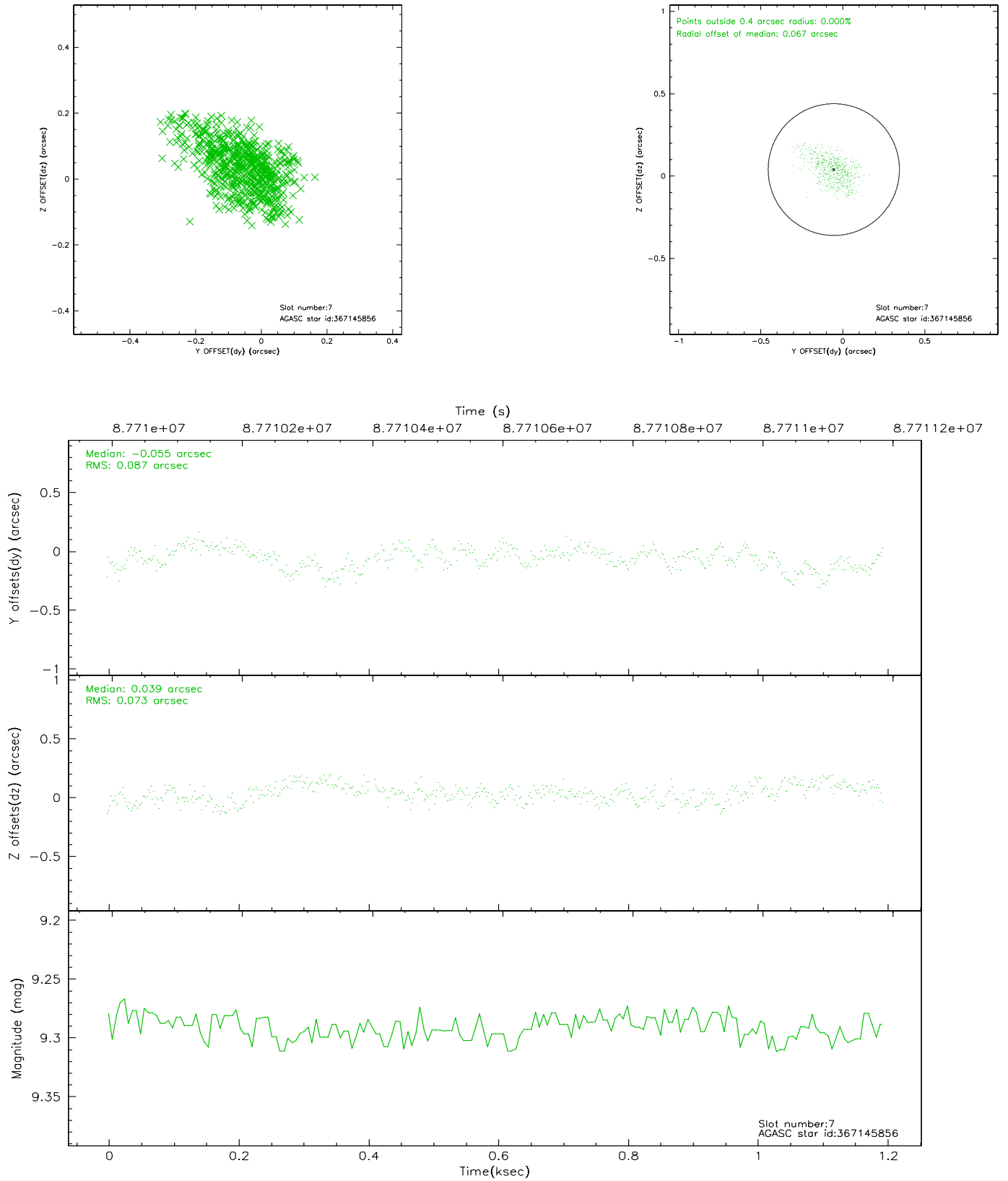
2.4.3 Slot 5



2.4.4 Slot 6

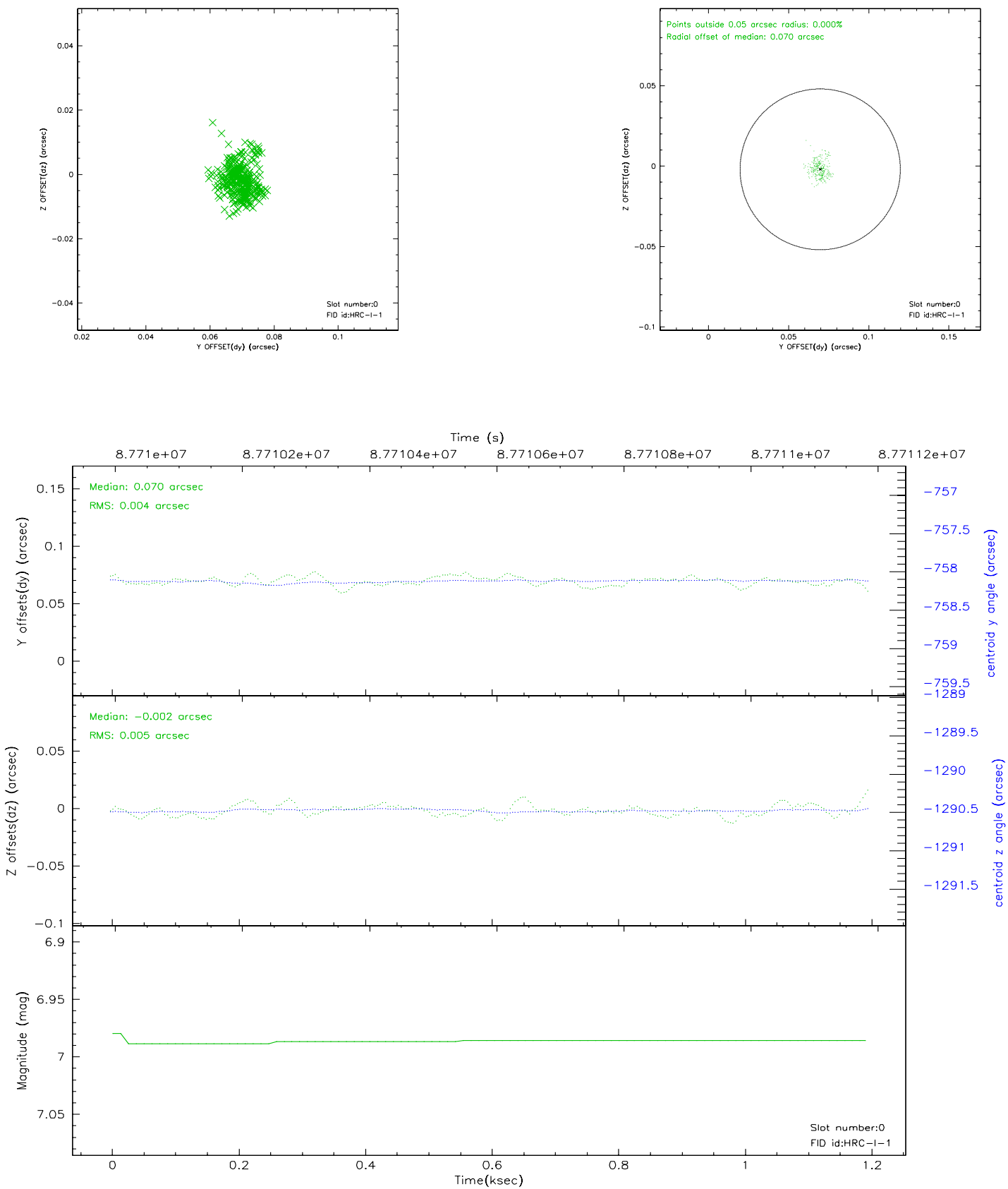


2.4.5 Slot 7

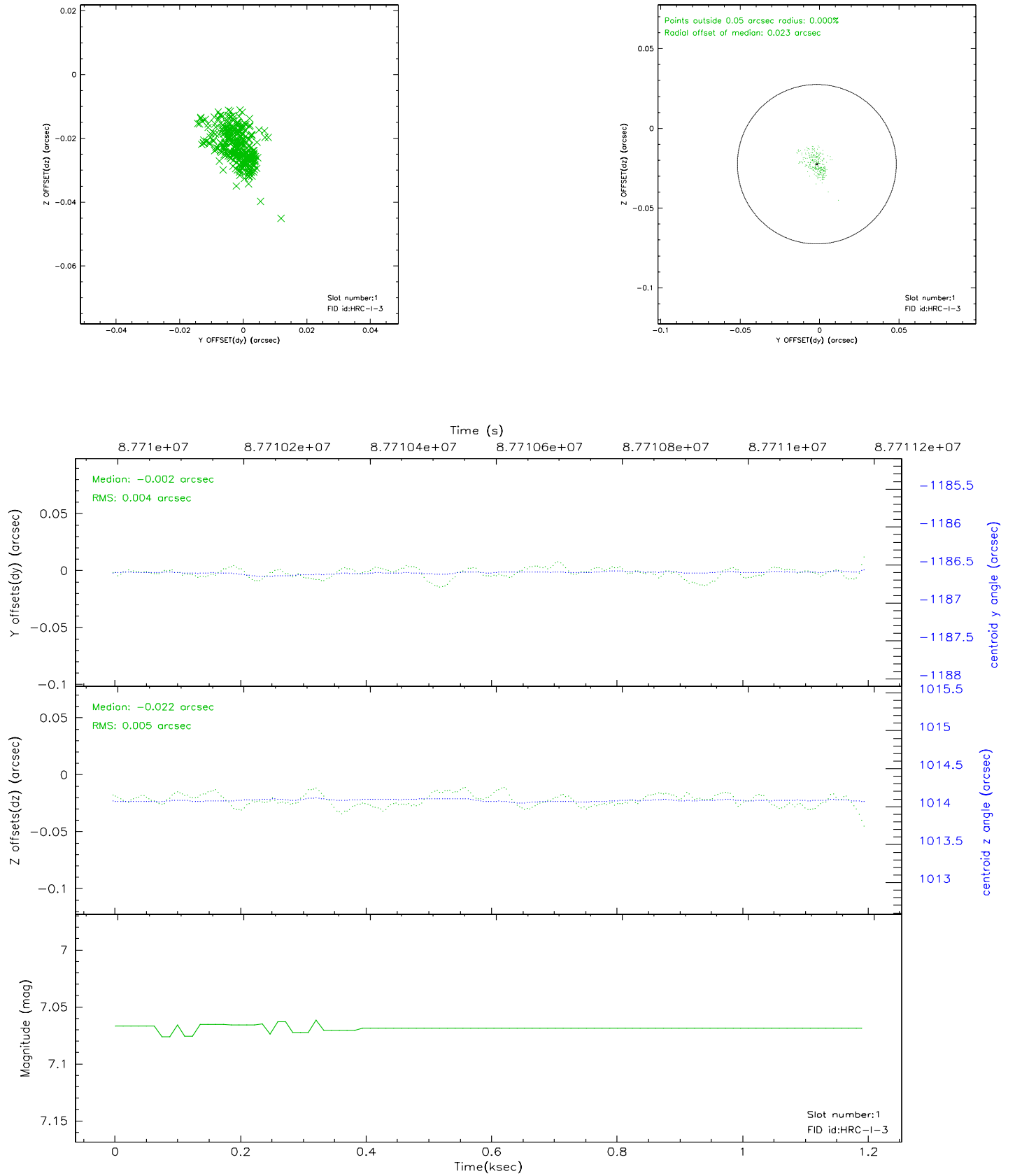


2.5 FID Slots

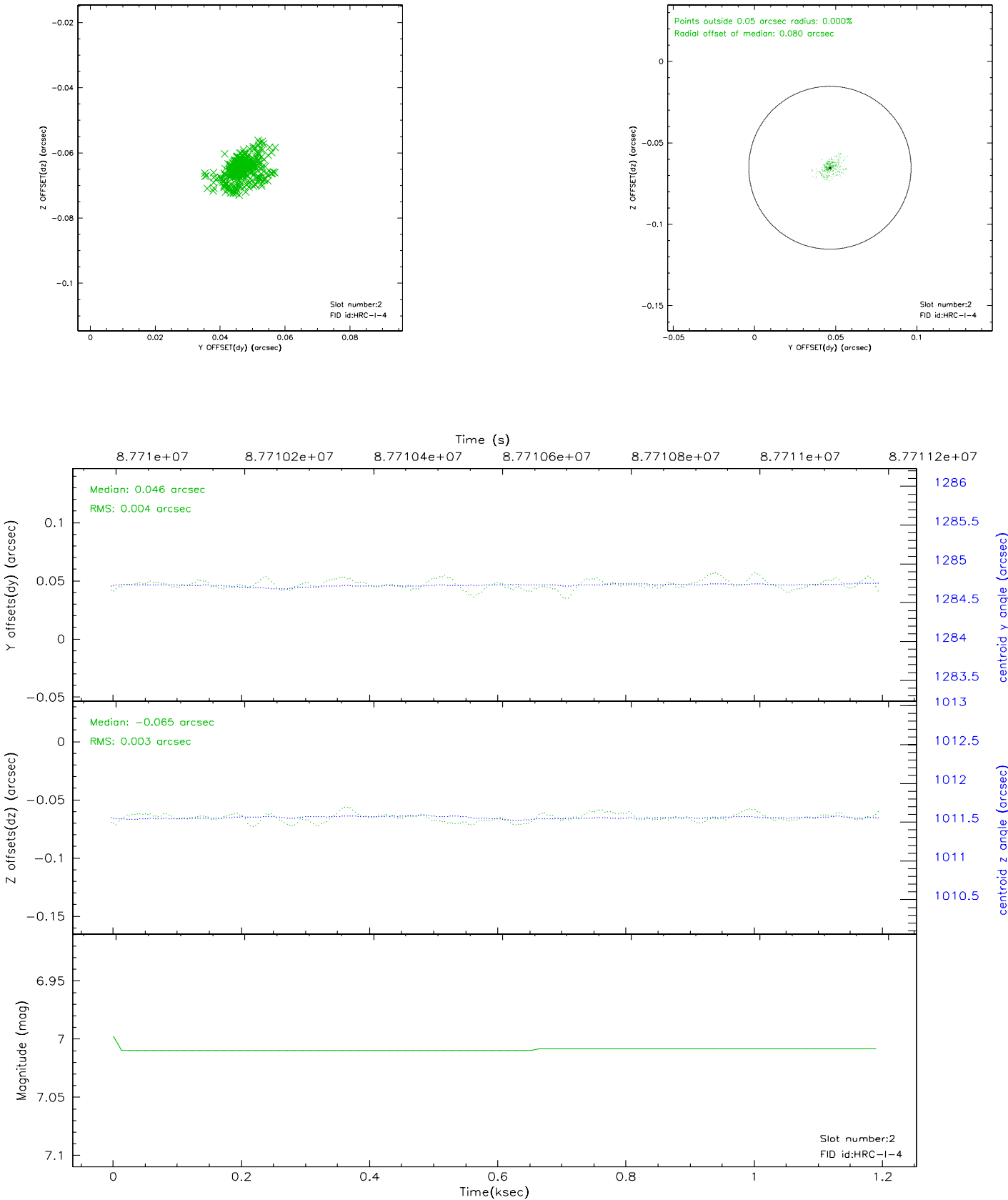
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

10.30 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.196

A.2 Comments

The current observation has been reprocessed as part of Repro III ('C' supplement) the purpose of which is to update all HRC-I ObsIDs since Jan 2000 to the latest calibrations available for that configuration. Specifically, we are updating the DEGAP solution and the Gain Maps applied. For more information see the Repro IIIC web page at

<http://asc.harvard.edu/cda/repro3.html#IIIC>

and the associated links.